



FEMA

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, October 7, 2017
Issued: 0800 CT

Day One Impacts: Tropical impacts across parts of SE LA from Hurricane Nate. Landfall is expected near the MS River tonight/early Sunday.

Coastal flooding/heavy surf possible along the Gulf Coast.

Isolated major river flooding continues on the Nueces River near Tilden, TX.

National Weather Service

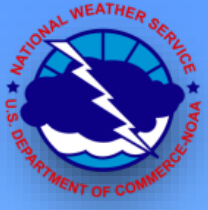
*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



Prepared by: Kurt Van Speybroeck
817-978-1100 x 147



Key Points



Today-Sunday

- Major flooding continues on the Nueces River in TX.
- Coastal Flooding impacts remain possible across LA/TX Coasts through Sunday.
- Hurricane/tropical Impacts likely across SE LA associated with Hurricane Nate this afternoon through Sunday morning.
 - *Storm surge of 5 – 7 feet, coastal flooding, hurricane force wind, heavy rainfall (3 – 6 inches with isolated 10 inches E of the MS River) and isolated tornadoes possible*

Monday-Wednesday

- Moderate flooding continues on the Nueces River in TX. The river is forecast to fall into Minor flooding by Wednesday.

Tropical Outlook

- Hurricane Nate is located about 245 miles south of the mouth of the MS River and continues moving NNW at 22 mph. Maximum sustained winds are 85 mph...with higher gusts. Minimum central pressure is 986 mb.

FEMA Region 6 Threat Matrix

Oct 7, 2017 - Oct 11, 2017

	SAT	SUN	MON	TUE	WED
Severe Weather	SE LA				
Heavy Rain / Flash Flooding	SE LA	SE LA			
Fire Weather					
River Flooding	S TX	S TX	S TX	S TX	S TX
Tropical Weather	SE LA	SE LA			

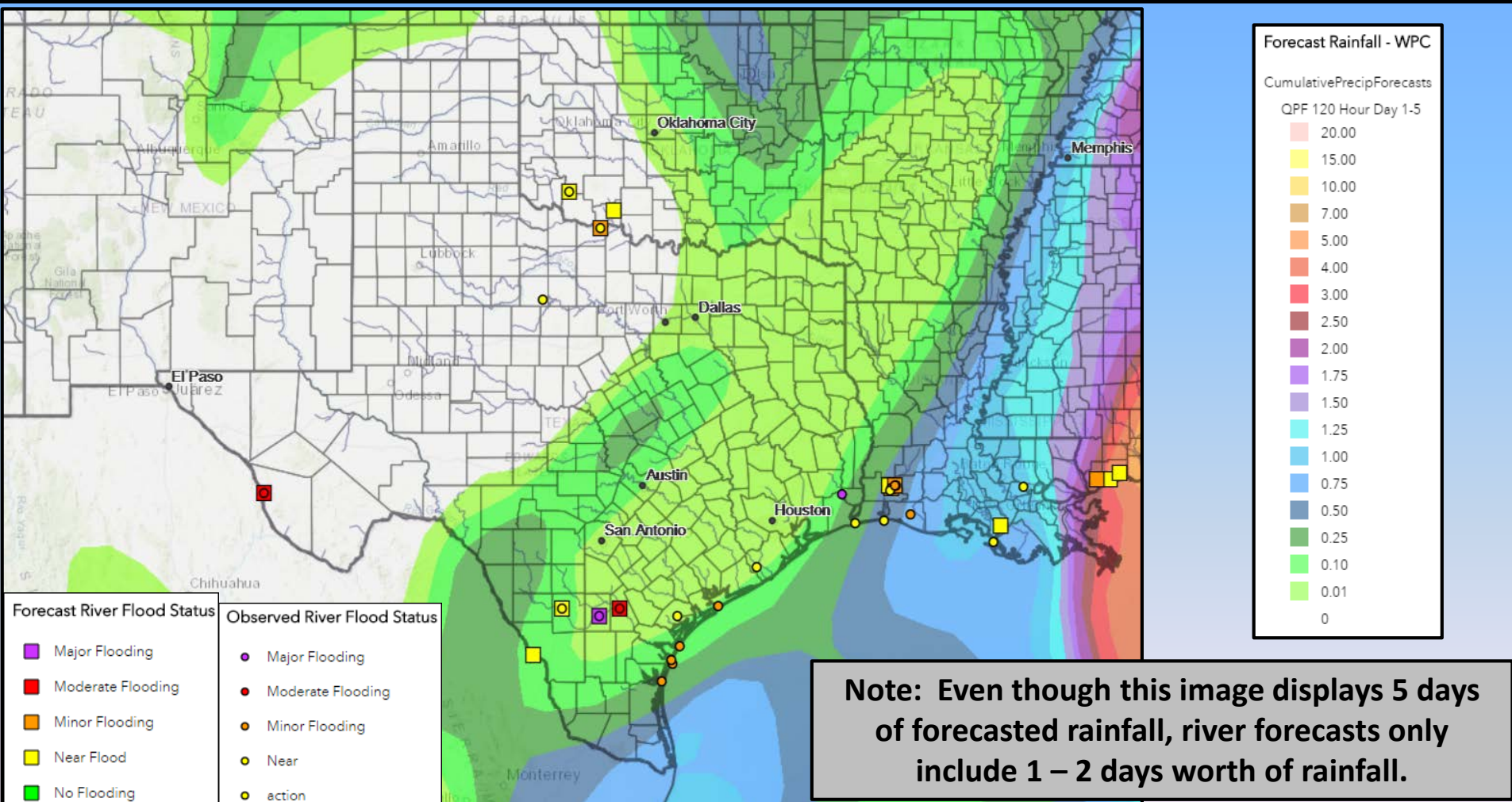
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



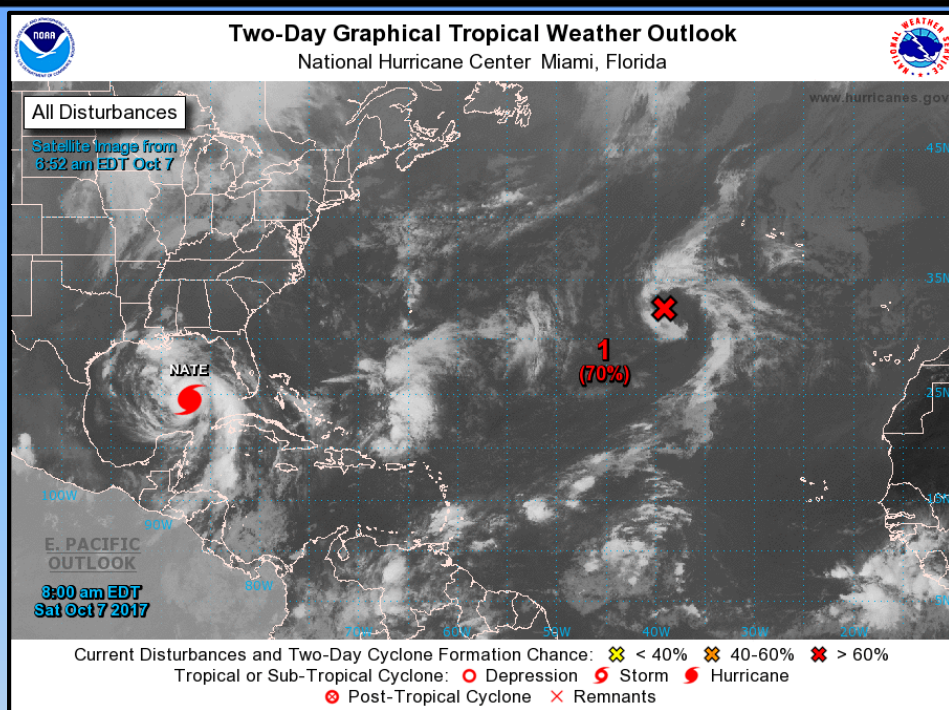
5-Day Precipitation Forecast & River Flood Status

The Nueces near Tilden will continue in Major Flood through Sunday. Moderate/Minor flooding along the Rio Grande at Candelaria Crossing will continue for the next several days. The Sabine River at Deweyville remains in Minor flood.

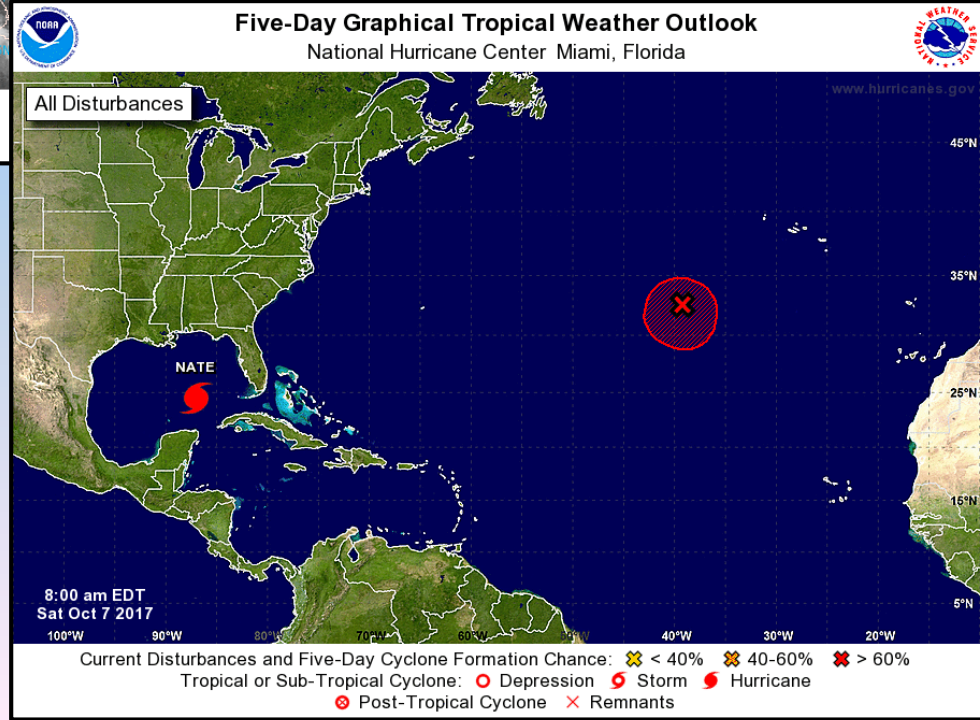


For the latest on river flooding: <http://water.weather.gov/ahps>

Tropical Weather Outlook



Hurricane Nate is about 245 miles S of the mouth of the MS River and continues moving NNW at 22 mph. Maximum winds are 85 mph. Minimum central pressure is 986 mb.

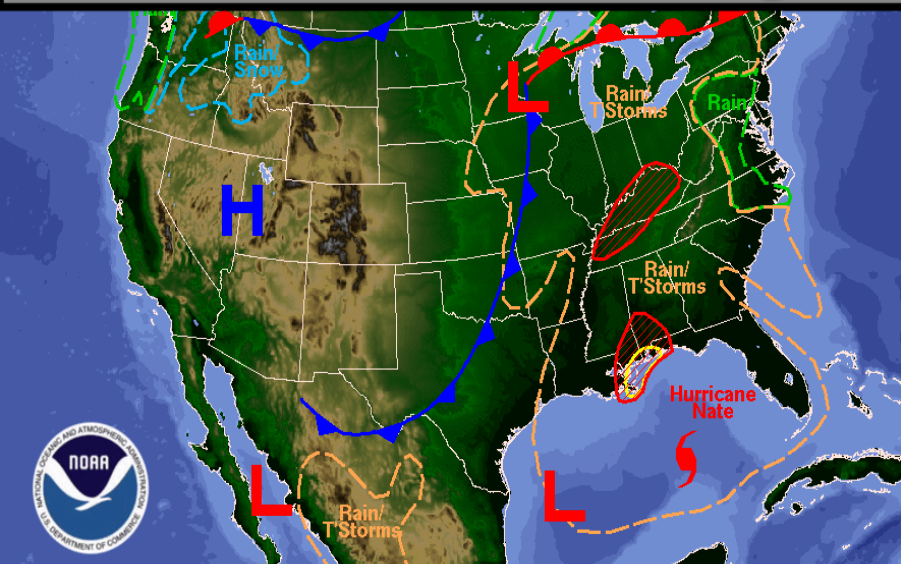


Today's Weather

Moderate to isolated major river flooding continues in S TX on the Nueces.

Coastal flooding/rip currents possible along the TX and LA coast.

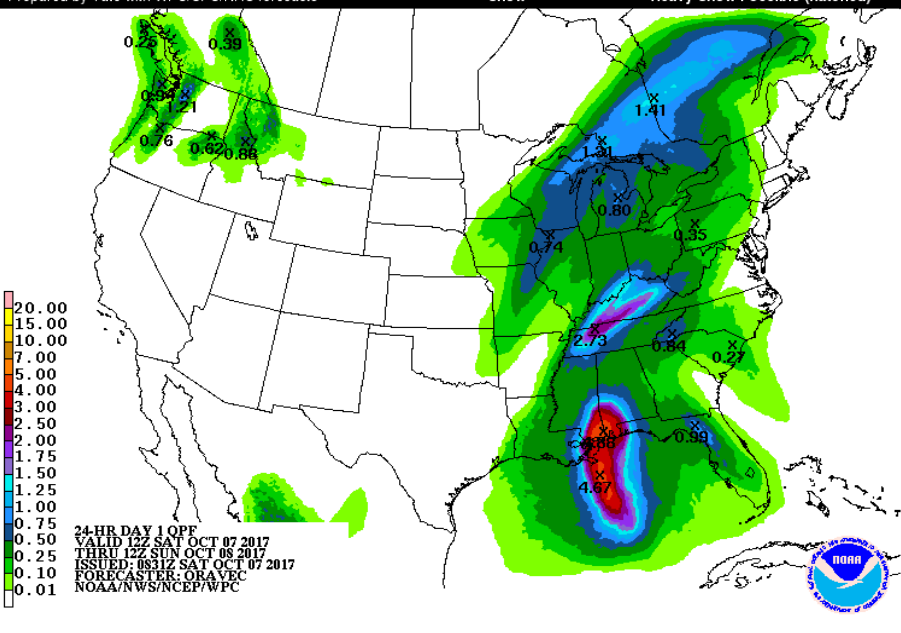
Tropical Impacts likely with Hurricane Nate as it impacts SE LA. Heavy rain/isolated flash flooding also possible in SE LA with Nate.



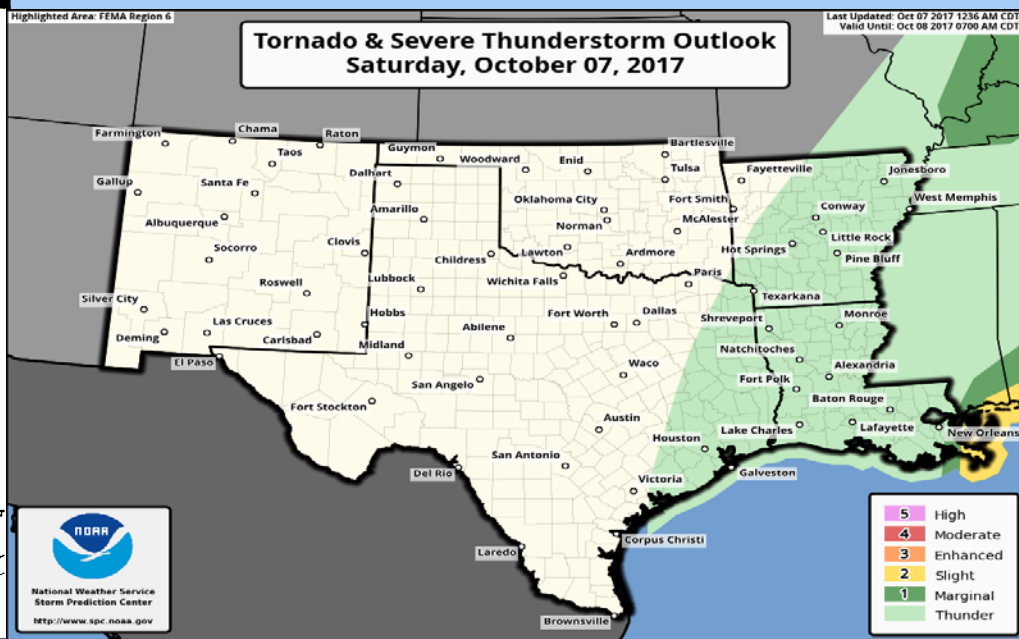
Day 1 National Forecast Chart

Valid Sat, Oct 07, 2017, issued 4:54 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Tate with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



24 HR DAY 1 OPI
VALID 12Z SAT OCT 07 2017
THRU 12Z SUN OCT 08 2017
ISSUED: 0831Z SAT OCT 07 2017
FORECASTER: ORA/EC
NOAA/NWS/NCEP/WPC



Tornado & Severe Thunderstorm Outlook Saturday, October 07, 2017

Last Updated: Oct 07 2017 1236 AM CDT
Valid Until: Oct 08 2017 0700 AM CDT

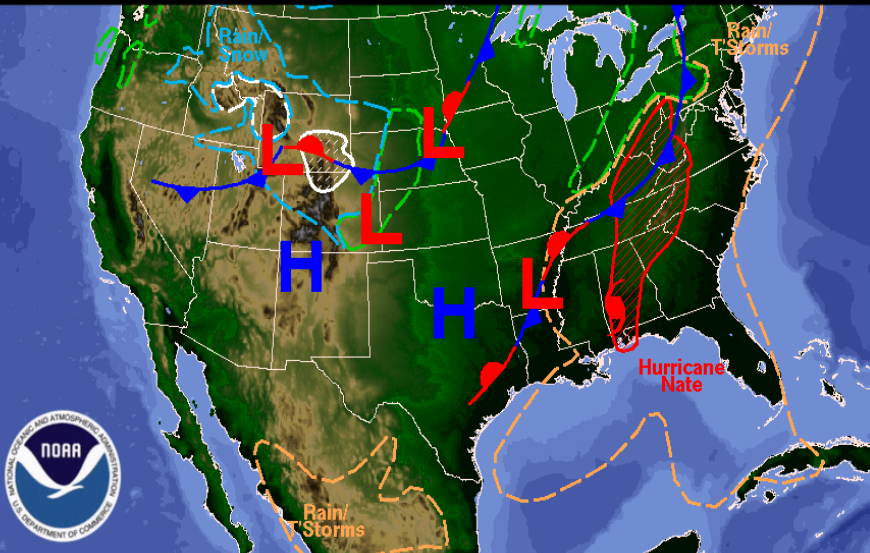
5 High
4 Moderate
3 Enhanced
2 Slight
1 Marginal
Thunder

Tomorrow's Weather

Moderate to isolated major river flooding continues in S TX on the Nueces.

Coastal flooding/rip currents possible across the TX and LA coast.

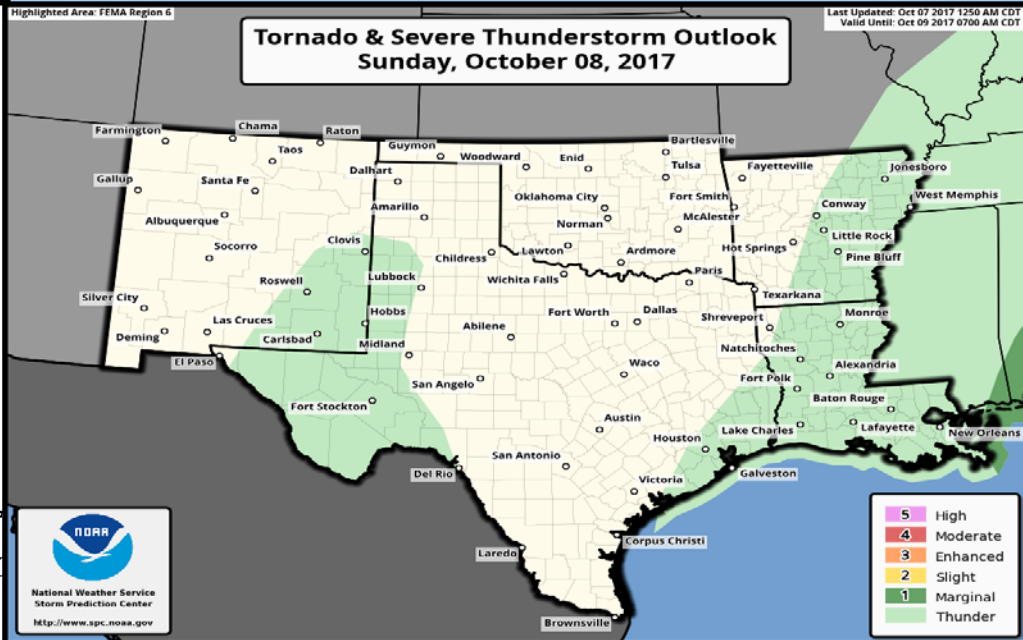
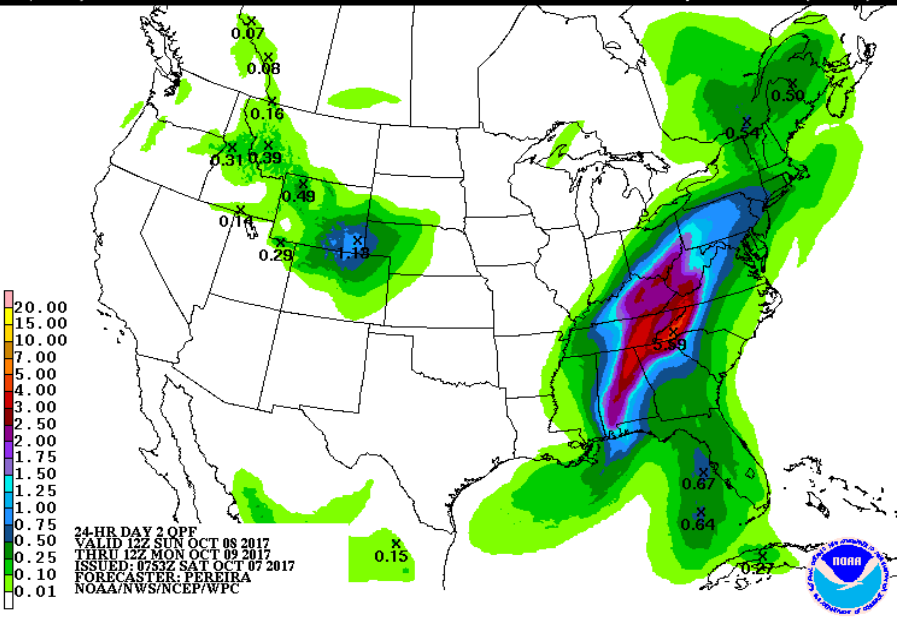
Tropical Impacts likely with Hurricane Nate as it impacts SE LA. Heavy rain/isolated flash flooding also possible in SE LA with Nate.



Day 2 National Forecast Chart

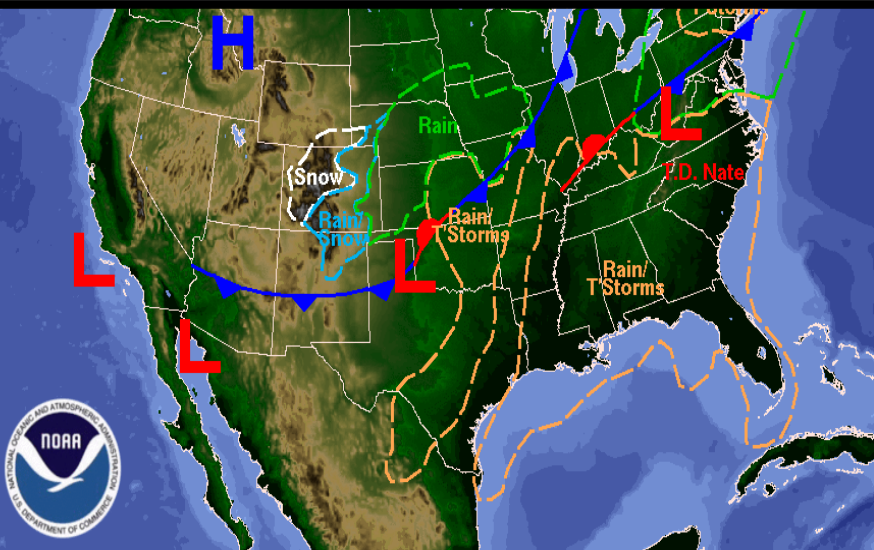
Valid Sun, Oct 08, 2017, issued 4:57 AM EDT Sat, Oct 07, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Tate with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



Monday's Weather

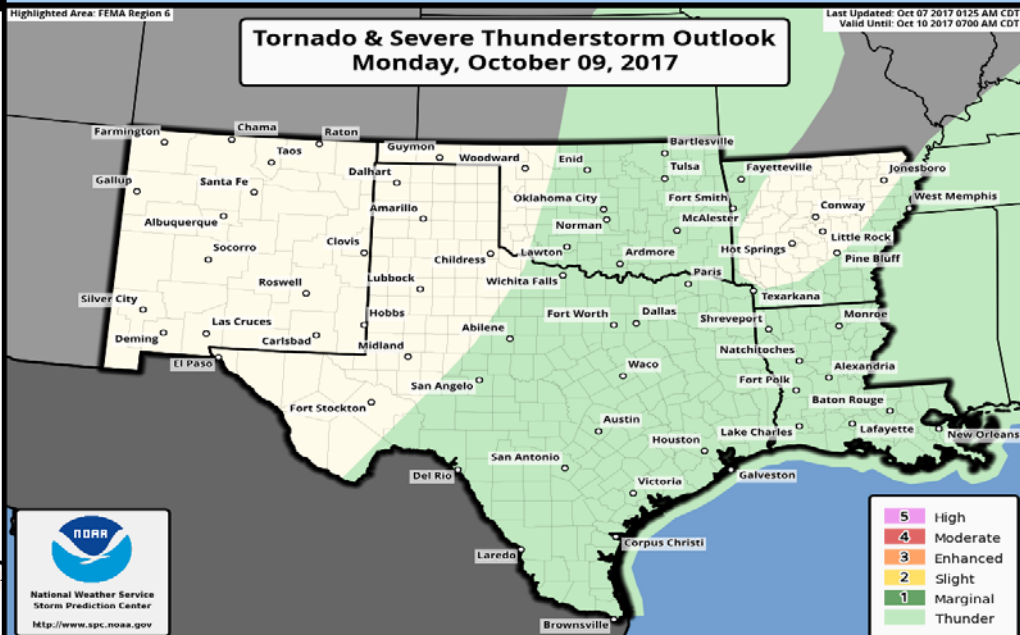
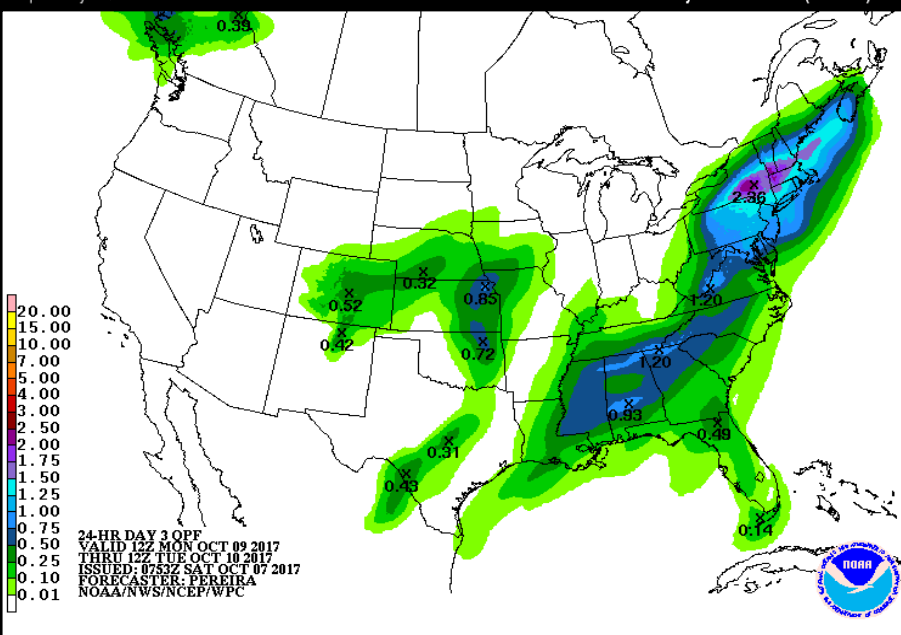
Moderate river flooding continues in S TX on the Nueces.



Day 3 National Forecast Chart

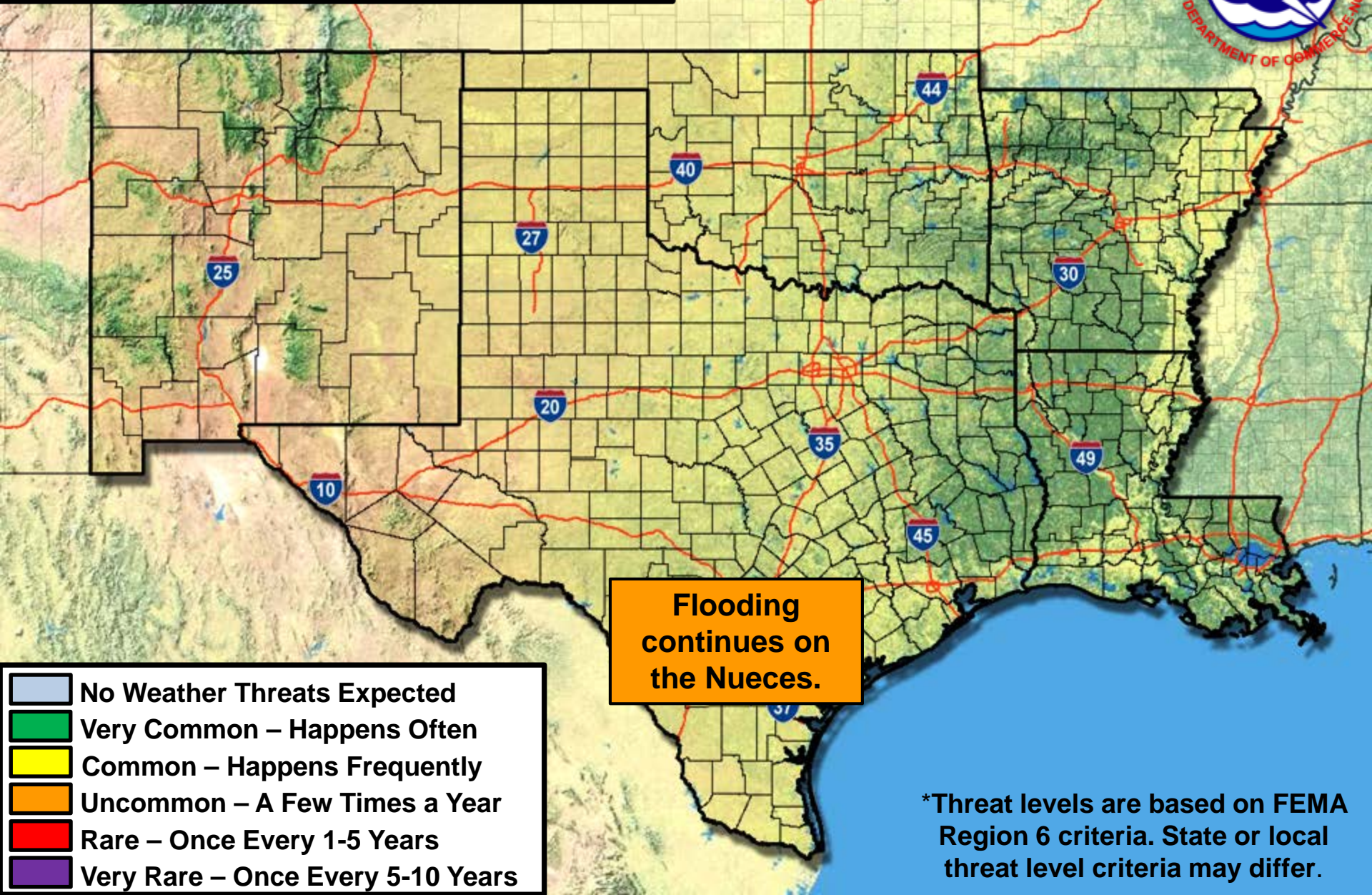
Valid Mon, Oct 09, 2017, issued 5:00 AM EDT Sat, Oct 07, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Tate with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



Day 4-5 Weather Hazards

Valid: 0800 Tue – 0800 Thu



**Flooding
continues on
the Nueces.**

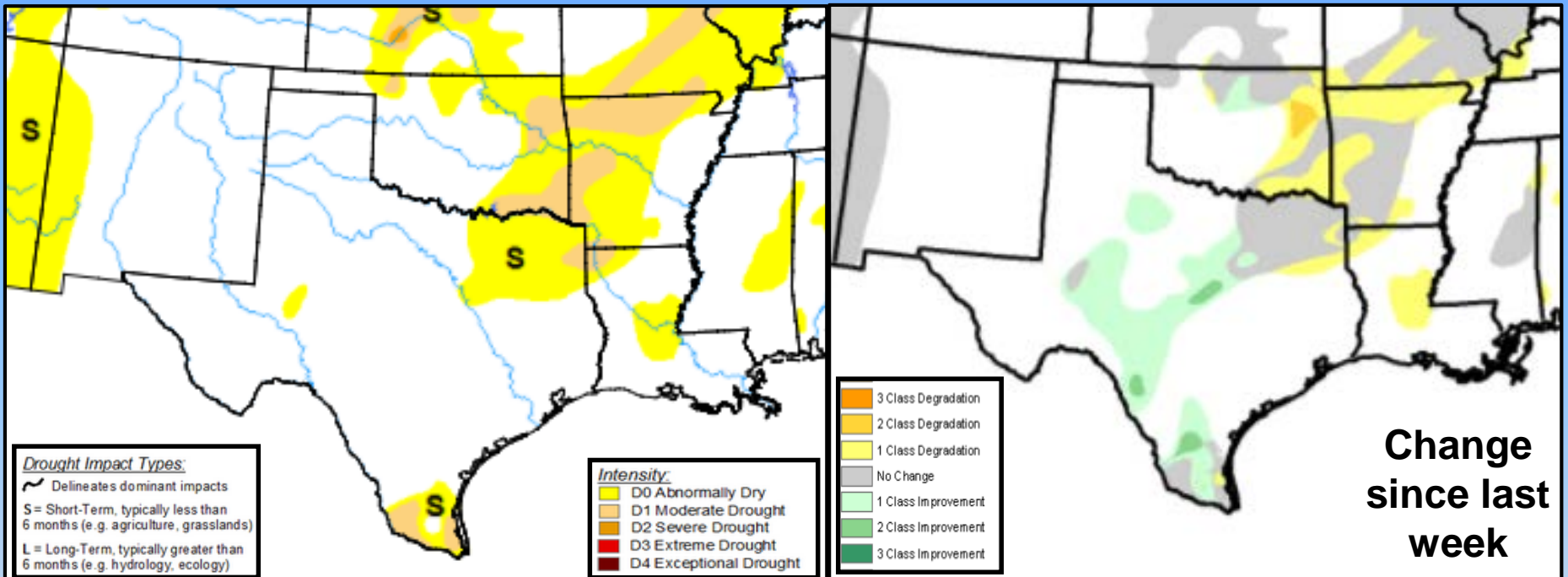
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released 5 October, 2017

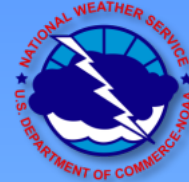
Data valid as of 7am CDT, Tuesday, October 3, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

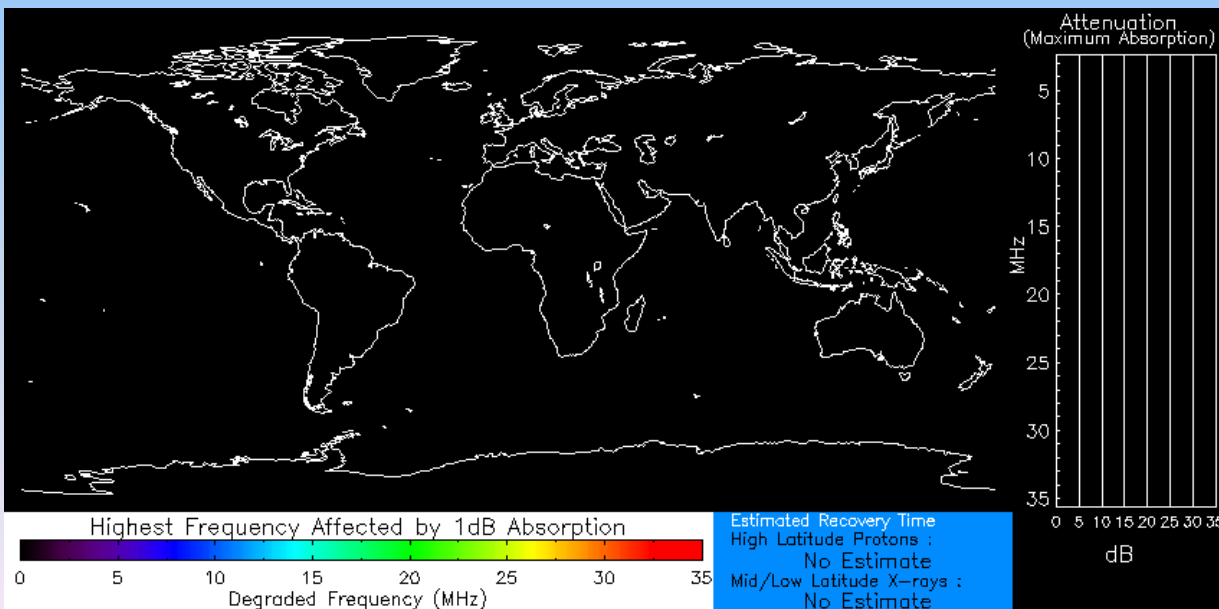
Space Weather 3-Day Forecast



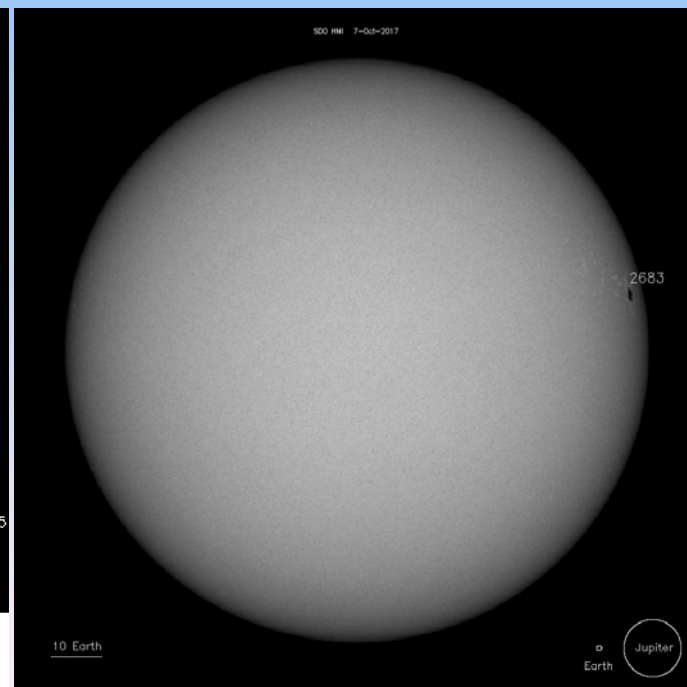
[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet to Active (Max Kp = 4)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal Proton Background
NOAA/SWPC Boulder, CO USA



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

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<https://www.facebook.com/NWSSouthern>

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@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms